

SPE RESPONSE FOR CERTIFICATE OF CORRECTION

DATE : 8/20/08 Paper No.: _____
 TO SPE OF : ART UNIT 2872 Allen, Stephone (spe)
 SUBJECT : Request for Certificate of Correction for Appl. No.: 10/659987 Patent No.: 6836581

Please respond to this request for a certificate of correction within 7 days.

FOR IFW FILES:

Please review the requested changes/corrections as shown in the **COCIN** document(s) in the IFW application image. No new matter should be introduced, nor should the scope or meaning of the claims be changed.

Please complete the response (see below) and forward the completed response to scanning using document code **COCX**.

FOR PAPER FILES:

Please review the requested changes/corrections as shown in the attached certificate of correction. Please complete this form (see below) and forward it with the file to:

Certificates of Correction Branch (CofC)
South Tower - 9A22
Palm Location 7580

H. Randall
 Certificates of Correction Branch
 703-308-9390 ext. 108

Thank You For Your Assistance

The request for issuing the above-identified correction(s) is hereby:

Note your decision on the appropriate box.

☐ **Approved**

All changes apply.

☒ **Approved in Part**

Specify below which changes do not apply.

☐ **Denied**

State the reasons for denial below.

Comments: The changes in the attached CofC are Approved-in-Part. Corrections to several errors in the CofC are noted in the attached CofC and are as follows: ① Column 10: 'Line 22' should read 'Line 27';
② Column 11: 'Line 6' should read 'Line 5'; ③ Column 11: in Line 55, '139' should read '138';
④ Column 12: 'Line 54' should read 'Line 59'

Stephone B. Allen
 Supervisory Patent Examiner

ARNEL LAVARIAS
PRIMARY PATENT EXAMINER

Stephone B. Allen
 SPE

2872
 Art Unit

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,581 B1

DATED : December 28, 2004

INVENTOR(S) : Ping Xie et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1

Line 30, change "portion" to --portions--

Line 59, change "nukes" to --makes--

Column 2

Line 61, change "cording" to --combining--

Column 3

Line 1, change "cells" to --channels--

Line 38, change "dispersions" to --dispersion--

Line 63, change "wet" to --with--

Column 4

Line 5, change "adjust" to --adjustment--

Line 55, change "chan" to --channels--

Column 6

Line 46, change "130,160" to --140,170--

Line 56, change "Equation 3: $PhaseShift \equiv 2\pi \frac{\Delta}{\lambda_0} \equiv 2\pi f \frac{\Delta L}{c}$ " to

--Equation 3: $PhaseShift \equiv 2\pi \frac{\Delta L}{\lambda_0} \equiv 2\pi f \frac{\Delta L}{c}$ --

MAILING ADDRESS OF SENDER (Please do not use customer number)

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Salt Lake City, Utah 84111

PATENT NO. 6,836,581 B1

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Column 7

- Line 5, change "with" to --within--
- Line 12, change "chapels" to --channels--
- Line 26, change "experience" to --experiences--
- Line 31, change "multiplexes" to --multiples--
- Line 33, change "380°" to --360°--
- Line 41, change "experience" to --experiencing--

Column 8

- Line 30, change "fat" to --fast--
- Line 48, change "diagram" to --diagrams--
- Line 51, before "this example" change "m" to --in--
- Line 54, change "cannel" to --channel--
- Line 63, change "show" to --shown--

Column 9

- Line 1, change "filer" to --filter--
- Line 52, change "filter" to --further--

Column 10

- Line 1, change "pa" to --path,--
- Line 6, after "Path 516 would" remove [in]
- ~~Line 27~~ ~~Line 22~~, change "de interleave" to --de-interleave--
- Line 38, before "which split/combine" remove [may]
- Line 47, change "right" to --might--
- Line 55, after "stopbands" remove [of]
- Line 57, change "en" to --embodiment--

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Column 11

Line 4, after "invention" insert --,

~~Line 5~~ ~~Line 6~~, change "fist" to --fast--

Line 7, after "coupling would" remove [for]

Line 10, after "following" remove [.]

Line 12, change "sub stage" to --sub-stage--

Line 36, change "cussed" to --discussed--

Line 40, change "con cation" to --communication--

Line 55, after "439 with the" change "re" to --remaining--

138

Column 12

Line 2, change "shows" to --shown--

Line 12, change "fist" to --fast--

Line 16, change "mad" to --and--

Line 31, change "pats" to --paths--

Line 52, change "sub-stages" to --sub-stage's--

~~Line 59~~ ~~Line 54~~, after "stopbands" remove [of]

Line 60, change "charnel" to --channel--

Column 13

Line 9, change "shi" to --shift--

Line 14, change "fill" to --full

Line 22, before "Table 2" remove [.]

Line 66, after "720, 740, 750" change "is" to --are--

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Column 14

Line 18, after "fundamental cell" insert --,
 Line 20, before "odd or even" change "at" to --adjacent--
 Line 39, change "sub stage" to --sub-stage--
 Line 46, change "sub stage" to --sub-stage--
 Line 53, change "transmit" to --transmits--

Column 15

Line 25, after "polarization" change "was" to --axis--
 Line 27, change "bean" to --beam--
 Line 56, change "lights 140" to --light 1140--

Column 16

Line 11, change "fight" to --light--
 Line 13, after "polarization" change "as" to --axis--

Column 17

Line 23, change "my" to --may--
 Line 27, change "centered" to --cemented--
 Line 45, change "fist" to --first--
 Line 46, change "118-1182" to --1180-1182--

Column 18

Line 9, change "pt" to --path--
 Line 9, after "sum of" insert --the--
 Line 35, change "path" to --paths--
 Line 44, change "5A" to --8A--

Column 19

Line 1, change "born" to --beam--

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Column 20

Line 2, before "axis" change "they" to --the y--

Line 6, change "x" to --axis--

Line 25, change "bean" to --beam--

Line 30, change "fiction" to --function--

Line 39, change "reflection" to --refraction--

Line 52, change " θ_{52} " to -- θ_{52} --

Line 62, change "pats" to --paths--

Column 21

Line 13, after "plasma" insert --,

Line 13, change " θ_{P1} " to -- θ_{S1} --

Line 31, change "pats" to --paths--

Line 35, change "spectra" to --spectral--

Column 22

Line 10, change "present" to --paths--

Line 11, change "fight" to --light--

Line 30, change "path" to --paths--

Line 31, change "pats" to --paths--

Line 45, change "rage" to --magnitude--

Line 50, change "Tis" to --This--

Line 60, change "stream" to --streams--

Line 62, after "substantially" insert --be--

Line 63, change "degree" to --degrees--

Line 63, after "substantially" insert --be--

Line 64, change "degree" to --degrees--

Line 67, after "substantially" remove [to]

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Column 23

Line 17, change "Wave guide" to --Waveguide--

Line 44, change "thermal" to --thermally--

Line 48, change "bit" to --exhibit--

Line 50, change "charnels" to --channels--

Column 24

Line 8, change "pats" to --paths--

Line 20, change "pats" to --paths--

Line 26, change "f" to --of--

Table 3, change

TABLE 3

| 1 | @1550 nm | vacuum | Air | BK7 | SFS | Fused Silica | BaK1 | LaSFN30 |
|---------------------------------------|---------------------|--------|---------|----------|---------|--------------|---------|---------|
| 2 | n | 1 | 1.00027 | 1.50066 | 1.64329 | 1.44409 | 1.55517 | 1.77448 |
| 3 | dn | 0 | 0* | 0.907465 | 1.407 | 13.7 | 0.066 | 2.293 |
| $\beta = - \frac{dn}{dt} \times 10^6$ | | | | | | | | |
| 4 | $\beta \times 10^6$ | 0 | 0* | 5.1 | 8.2 | 0.52 | 7.6 | 6.2 |

*assuming constant volume
to

TABLE 3

| 1 | @1550 nm | Vacuum | Air | BK7 | SF5 | Fused Silica | BaK1 | LaSFN30 |
|---|--|--------|---------|----------|---------|--------------|---------|---------|
| 2 | n | 1 | 1.00027 | 1.50066 | 1.64329 | 1.44409 | 1.55517 | 1.77448 |
| 3 | $\beta = \frac{dn}{dt} \times 10^{-6}$ | 0 | 0* | 0.907465 | 1.407 | 13.7 | 0.066 | 2.293 |
| 4 | $\beta \times 10^{-6}$ | 0 | 0* | 5.1 | 8.2 | 0.52 | 7.6 | 6.2 |

*assuming constant volume

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Column 25

Line 3, change "rows" to --row--

Line 4, change "a" to -- α --

Line 11, change "L16=862" to --L16=2.862--

Line 12, remove [is FIG. 2c]

Line 37, change "harmonics" to --harmonic--

Line 54, after " θ_{T1} " remove [it]

Column 26

Line 8, change "1A" to --10A--

Line 13, change "path Beans" to --path. Beams--

Line 16, change "element" to --elements--

Line 30, before "Equations" remove [equations]

Line 40, change "lent" to --length--

Column 27

Line 2, change "se" to --serving--

Line 4, change "bean" to --beam--

Line 7, change " $\theta_{T1} > \theta_{R2}$ " to -- $\theta_{T1} > \theta_{R2}$ --

Line 12, change "Bach" to --Each--

Line 31, change "able" to --example--

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